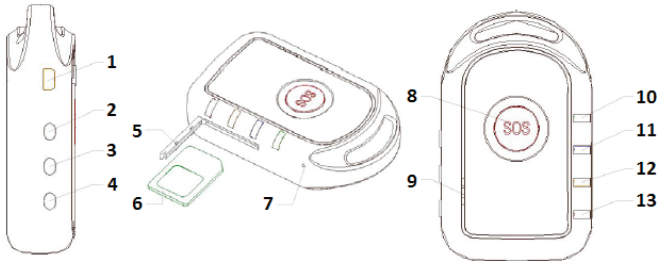
⚠WARNING: Before use, read the instructions and recommendations in this manual. The device must be used in accordance with these instructions. The manufacturer or seller are not reliable for any damages resulting from improper use or operation. Unprofessional operation or modification of the system can damage the system alone, and leads to warranty loss.

DEVICE DESCRIPTION

KEETEC SAT 3000 is used to ensure emergency localization of persons, vehicles, animals, mobile property etc.. In case of theft just call the device phone number and the SAT 3000 responds with SMS about current location. Also contains two CALL buttons for quick dialing two stored numbers. In an emergency, a person may use the SOS button located in the center of the device. Then device sends SMS to the authorized numbers with the text „Help me" and with link contains current position of the device. Via mobile phone capable of Internet connection you can easily view current location of your device using Google Maps service. Device also try to make call at least one authorized number. If the first number is not available, the device calls for a second, if the second number is out of range too, called the third. This situation is repeated cyclically until the SAT 3000 successfully has invoked one of the authorized numbers. Call type is adjustable - one-way communication (you are allowed to listen to what is happening around the device - interception) or two-way communication (normal call). It is also possible to use some of the alarms, such as. speeding. In case of triggering the alarm device will send current location to your mobile phone with a description of the caused alarm. In the GPS locator unit SIM card of GSM mobile operator is inserted (locator has its own phone number). You can use a flat rate or a prepaid SIM card. KEETEC SAT 3000 will communicate with you by SMS, so it is necessary when choosing a mobile operator to pay attention to the price rates for SMS service. We recommended to activate roaming service for the SIM card in case of the abroad localization. The device has a built-in battery which is recharged via a miniUSB connector.



Description of each part:

1 - USB port
2 - On/Off button
3 - Call2 button
4 - Call1 button
5 - SIM card cover
6 - SIM card (not included)
7 - Microphone
8 - SOS button
9 - Speaker
10 - Indicator LED diode - device on/off (red)
11 - Indicator LED diode - demand on GPS position (green)
12 - Indicator LED diode - recieving GPS signal (blue)
13 - Indicator LED diode - GSM/GPRS signal (orange)

When you turn on the device alll four LEDs light up simultaneously. In the first three uses of the device battery charging time is from 8 to 12 hours. After the first three uses, the battery is fully charged in 3-5 hours. Use the included original charger.

Description of LED diodes:

All LED diodes	Turn ON permanently	Device is starting up
Orange LED (GSM)	Flashes intermittently	Working in GSM mode
Orange LED (GSM)	Flashes intermittently	Connecting to GPRS
Orange LED (GSM)	Flashes intermittently	GPRS connected
Red LED (On/Off)	Flashes intermittently	Device working
Blue LED (GPS)	Flashes intermittently	GPS active
Green LED (GPS location)	Flashes intermittently	GPS location

You can turn on device by pressing the On/Off button for 3 seconds. Turn off the device by press the same button for 5 seconds.

SMS COMMANDS

Set authorized phone numbers

SMS format
123456A1,phone_num - first authorized SOS phone number
123456A2,phone_num - second authorized SOS phone number
123456A3,phone_num - third authorized SOS phone number
123456A4,phone_num - CALL1 phone number
123456A5,phone_num - CALL2 phone number

Example
123456A1,+421911111111

The default access code is 123456. Phone number must be in international format (do not use „00" instead of +XXX). There is no need to set all of the numbers, but for proper functionality of the device at least one number must be entered. The device will receive SMS commands only from authorized numbers.

Delete authorized phone numbers

SMS format
123456A1,D - delete first authorized SOS number
123456A2,D - delete second authorized SOS number
123456A3,D - delete third authorized SOS number
123456A4,D - delete CALL1 number
123456A5,D - delete CALL2 number

Example
123456A4,D

Change of access code

SMS format
123456H****** - change of access code

Example
123456H999999

Access code will not change by SIM card exchange. Always enter the 6 digit code made up of numbers, the device will not accept any other symbols or forms. Keep new access code in a safe location. If you lost the code, contact your dealer - it is necessary to reinstall the device firmware.

Finding the position of the device

a, Using SMS

SMS format
123456F - device location demand

Device responds with SMS message with GoogleMaps link - current location.

b, Device dialing

You can use the authorized number to dial the device. End the call before device responds to it (let call active for about 2 seconds). Then device sends you SMS message with link to GoogleMaps.

c, By pressing On/Off button

To send SMS message with the location of the device, press the On / Off button for 2 seconds. SMS will be sent to the authorized phone numbers.

SOS function

When you press the SOS button for 3 seconds, the device will send an SMS with the text „Help me" with link to GoogleMaps to all of the authorized number (A1, A2, A3). After sending the SMS, device calls to the first authorized number (A1). If that number is not reachable, the device dials the second authorized number (A2). If the second number is not reachable, calls the third, if not the third, call the first number, and so on. . This process is repeated cyclically until the device successfully call to one of authorized numbers.

Settings of call type by SMS:
SMS format
123456U3 - classic call (two-way communication)

123456U2 - authorized number can only listen (one-way communication)

Call to authorized numbers CALL1 (A4) and CALL2 (A5)

After push the CALL1 button for 3 seconds device automatically call to the stored phone number. For second stored phone number, press CALL2 button for 3 seconds.

Call to random phone nuumber

By sending SMS message with following form you can call to any of phone number from device without need to push any button on device.

SMS form
123456V30,phone_number - classic call (two-way communication)

123456V31,phone_number - authorized number can only listen (one-way communication)
Example
123456V31,+421911111111

Direct call to the device

If you call directly to the device from any of the authorized numbers, device recieve the call.

Settings of call type by SMS:
SMS format
123456U0 - classic call (two-way communication)

123456U1 - authorized number can only listen (one-way communication)

Alarm - over speed

By this setting enter the maximum speed at which the device may move. Beyond the set value, the device will send an SMS with the text „Over speed" with GPS information to the authorized numbers A1, A2 and A3.

This function can be turned On/Off and adjusted by SMS message
SMS form
123456J0/J1,speed - J1 (turn on), J0 (turn off), speed (three digits form, km/h)

Example
123456J1,070

Alarm - low battery

By this setting you enter critical value of battery when the device will send an SMS message with a low battery warning. The value must be less than 45 and must be set as two-digit number.

This function can be turned On/Off and adjusted by SMS message
SMS form
123456N0/N1,bat - N1 (turn on), N0 (turn off), bat - critical value of battery (two digits form, %)

Example
123456N1,30

Time zone settings

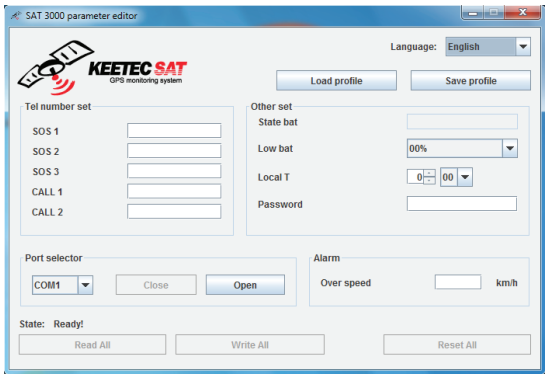
SMS form
123456L+/-xx - + (east), - (west), xx - time zone (two digits form)

Príklad
123456L+01

Speaker settings when calling

By pressing the CALL1 button during call you can increase the volume of speaker. By pressing CALL2 button during call you can decrease the volume of the speaker.

PC software for SAT3000



Ask your dealer for software.

TECHNICAL PARAMETERS	
Network	GSM/GPRS/GPS
Power supply/charging	Battery 1730mA/USB
Battery life - offline mode	up to 200 hod
Battery life - online tracking	48 hours (20sec interv.)
Dimensions	65mm x 40mm x 18mm
Weight	50g
Working temperature	from -20°C to 55°C
Humidity	non-condensing from 5% to 95%

Summary of SMS commands

Command	SMS form	Description
Set of authorized numbers	123456A1,number 123456A2,number 123456A3,number 123456A4,number 123456A5,number	A1,A2.A3 are main SOS numbers, A4 and A5 are numbers with call possibility by pressing the button. Use international form "+xxx"
Delete of authorized numbers	123456A1,D 123456A2,D 123456A3,D 123456A4,D 123456A5,D	A1,A2.A3 are main SOS numbers, A4 and A5 are numbers with call possibility by pressing the button.
Switch to mode "listen"	123456U1 (fabrical settings)	Device accept call, and user is allowed to listen to what is happening around the device (one way communication)
Switch to mode "call"	123456U0	Device accept call, and user is allowed to make ordinary call (two way communication)
Switch to mode "listen" when press the SOS button	123456U2	After pressing the SOS button, the device will call the authorized numbers (you are allowed to listen to what is happening around the device - one-way communication)
Switch to mode "call" when press the SOS button	123456U3	After pressing the SOS button, the device will call the authorized numbers (you are allowed to make ordinary call - two-way communication)
Demand on position by SMS	123456F	The device will respond with the current position (latitude and longitude)
Alarm - over speed	123456Jx,yyy	x = 1 (turn on) , x = 0 (turn off) yyy - speed in km/h (three digits form - 70km/h = 070)
Time zone set	123456Lxyy	x = + (east) , x = - (west) yy - time zone (two digits form)
Alarm - low battery	123456Nx,yy	x = 1 (turn on) , x = 0 (turn off) yy - critical value of battery in % (enter always in two digits form - 25% = 25), set value must be lower then 45
Access code change	123456H999999	Always enter the 6 digit code made up of numbers, the device will not accept any other symbols or forms
Device reset to factory settings	RESET!	Reset the device to factory settings. Resetting the device does not reset the password on the basic setup (123456). The device does not respond after reset with any SMS
Remote device restart	RESET!1	Restart the device remotely
Device info	123456G	After sending the command, device sent SMS with information about settings